

Docket No. 218290US2/smc



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kouichi OHTAKA, et al.

SERIAL NO: 10/050,865

GAU: 2872

COPY

FILED: January 18, 2002

EXAMINER:

FOR: OPTICAL MODULATOR, OPTICAL MODULATOR MANUFACTURING METHOD, LIGHT INFORMATION PROCESSING APPARATUS INCLUDING OPTICAL MODULATOR, IMAGE FORMATION APPARATUS INCLUDING OPTICAL MODULATOR, AND IMAGE PROJECTION AND DISPLAY APPARATUS INCLUDING OPTICAL MODULATOR

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)

Marvin J. Spivak
Registration No. 24,913



DOCID: 218290US2

SERIAL NO: 10/050,865

Sheet 1 of 1

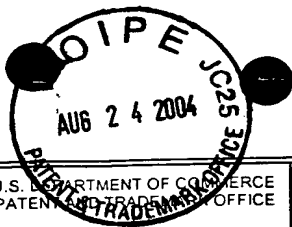
Group Art Unit: 2872

STATEMENT OF RELEVANCY

COPY

References AM, AN, AP and AR on Form 1449:

These references are discussed in the specification.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

218290US2

SERIAL NO.

10/050,865

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Kouichi OHTAKA, et al.

COPY

FILING DATE

January 18, 2002

GROUP

2872

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|------|------|-------|--------------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION YES | NO |
|--|----|--------------------|------------|--------------------------------|--------------------|----|
| | AK | 6-138403 | 05/20/94 | JAPAN (with English Abstract) | | X |
| | AL | 7-218845 | 08/18/95 | JAPAN (with English Abstract) | | X |
| | AM | 2000-2842 | 01/07/2000 | JAPAN (with English Abstract) | | X |
| | AN | 10-510374 | 10/06/98 | JAPAN (with corr. WO 96/41217) | | X |
| | AO | WO 96/41217 | 12/19/96 | WIPO | | |
| | AP | 2941952 | 08/30/99 | JAPAN (with corr. WO 96/41224) | | X |
| | AQ | WO 96/41224 | 12/19/96 | WIPO | | |
| | AR | 3016871 | 03/06/2000 | JAPAN (with corr. WO 96/41226) | | X |
| | AS | WO 96/41226 | 12/19/96 | WIPO | | |
| | AT | | | | | |
| | AU | | | | | |
| | AV | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|----|---|
| | AW | K. E. PETERSEN, Applied Physics Letters, vol. 31, no. 8, pages 521-523, "MICROMECHANICAL LIGHT MODULATOR ARRAY FABRICATED ON SILICON", October 15, 1977 |
| | AX | O. SOLGAARD, et al., Optics Letters, vol. 17, no. 9, pages 688-690, "DEFORMABLE GRATING OPTICAL MODULATOR", May 1, 1992 |
| | AY | Larry J. HORNBECK, SPIE Critical Reviews Series, vol. 1150, pages 86-102, "DEFORMABLE-MIRROR SPATIAL LIGHT MODULATORS", August, 1989 |
| | AZ | |

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.